

Impact evaluation for the **Mindset Health** system for **HIV/ AIDS and TB** content for Health Care Providers in South Africa

Background

- Mindset Health, a Not for Profit Organisation that creates digital educational content broadcast into health facilities, aims to increase competence, positive attitudes, self-efficacy and motivation in HCPs, in order to assist in the management of HIV, AIDS, TB and other related diseases.
- A main assumption of the programme is that an improvement in knowledge of HIV/AIDS, TB and related diseases via ICT and IT will improve access and usage of health education resources.
- Content will be distributed to over 40 new clinics/hospitals early in 2008.
- Indicators will be tracked and compared in future in order to ascertain outcomes as well as impacts.

Rationale

- Impact from the past 5 years was tracked using triangulation of data from multiple sources.
- By utilising different methodology pre and post implementation comparisons can be made.
- By using a baseline methodology, one can complement it with further with triangulation and tracking.
- Data from baseline research can be tracked and utilised in later research to measure efficiency and effectiveness of delivery systems.

Aims

- To improve the Mindset Health site program.
- To investigate usage of health content.
- To investigate factors that may affect adult learning such as levels of job satisfaction, motivation, knowledge and skills of HCPs
- To understand the limitations and needs in terms of content and ICT support among HCP

Methods

- Large scale, longitudinal evaluation.
- 40 Mindset Health Sites (combination of clinics and hospitals) will be sampled. Sites are located throughout South Africa.
- Participants will be purposively selected and will consist of HCPs from different levels and grades.
- The study will be longitudinal and quasi-experimental in design in order to investigate Mindset Health solution's impact on HCP practice in the field of HIV/AIDS and TB prevention, treatment and management.
- The study will utilise pre and post-test investigations in order to establish changes in tend and impact of the program.
- Relationships between health content utilisation, perceptions and attitudes, characteristics of HCPs, job satisfaction and motivation will also be established.

Results

- There are 3 main hypotheses:
 - There is a relationship between Mindset Health content utilisation and perceptions and attitudes towards practice areas of HIV and TB.
 - There is a relationship between Mindset Health content utilisation and job satisfaction and motivation.
 - There is a relationship between Mindset Health content and the practice of HIV and TB prevention, treatment and management.
- Data collected for the baseline research will be compared to later research to determine impact and outcomes.
- Tests of significant difference to determine changes in knowledge, attitudes, experiences, self-efficacy and motivation will be used.
- Regression analyses and correlations will be used to determine relationships between these variables and HCP characteristics.

Conclusion

- Through rigorous monitoring, evaluation and research it is hoped empirical data can be produced to investigate the impact that Mindset Health has on HCPs.
- Through impact evaluation, improvements and further developments can be made.
- In using ICTs and IT, further innovative initiatives can be produced in aid of fighting the HIV/AIDS and TB epidemic in South Africa and surrounding countries.

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